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CLASSIFICATION

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO. 25X1

COUNTRY East Germany

DATE DISTR. 8 September 1955

SUBJECT SDAG Wismut, Object 6, Combine 241 in Schneckenstein

NO. OF PAGES 14

PLACE ACQUIRED

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THIS IS UNEVALUATED INFORMATION

Organizational Setup

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1. The Soviet chief of Object 6 was in charge of four combines including the Nos. 241, 262, 277, and a new combine without designation number. He also controlled the Administration Object 6, the Transportation Department, the [redacted] pool for passeng[redacted] member

2. Combine 241 was setup as follows:

Soviet chief of the shaft with German assistants
Soviet chief engineer with German assistant
Chief mining inspector
Soviet chief mechanic with German assistant
Soviet economics assistant (a woman)
German Chief of personnel
with cashier's office, salary section, personnel index, leaves, and standardization department.

Soviet shaft geophysicist with 10 German geophysicists for the individual districts

Soviet shaft geologist with 10 German geologists in charge of the individual districts

Switchboard

Workshop for indicators of radioactivity with Soviet personnel only.

3. The chief mining inspector of Combine 241 was in charge of:

one mining inspector for Revier (district) ax 1 and 2
one mining inspector each for Revier 3 to 7 inclusively.

C-O-N-F-I-D-E-N-T-I-A-L

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A staff of 24 BPO (party organization), BGL (labor union), and FDJ functionaries were attached to the 7 districts and each district had one party-BGL and FDJ secretary. A first lieutenant of the MVD was security officer. [redacted] ved for SSD representatives from Rodewisch who were [redacted]. The labor force of 3,60[redacted] technicians, worked three shifts.

4. Combine 241 included the following shafts:

Shaft 241, [redacted] electric hoisting facilities, 7 mine levels, and blind shaft 241, sinking of shafts on three mine levels. No larger ore deposits expected.

Shaft 244, electric hoisting facilities, 6 mine levels, no sinking of shafts, one small seam with a 40-degree incline, and deposits of lens-size ore.

Central Shaft, [redacted] eledtric hoisting facilities, 7 mine levels, no sinking of shafts, average ore deposits.

Shaft 252 (Jugendschacht), electric hoisting facilities, 7 mine levels, 1 blind shaft with three mine levels. The "Yuzhnaya" ore vein extending from [redacted] Central Shaft passed the seventh mine level. Its [redacted] t was 40 cm. in diameter. Shaft 252 had very go[redacted] Shafts were sunk at the blind shaft to have access to the "Yuzhnaya" vein.

Shaft 34[redacted] [redacted] passed the third mine level.

Shaft 344, hoisting facilities were already dismantled; the very small ore deposits left were taken through a drifting to Shaft 252.

Sinking 21, no mining activity; was used as so-called "material shaft".

Output of Combine 241

5. Contact III: highest-grade ore, pitchblende, packed in boxes.

Daily production quota: 300 crates of ore in three shifts. Prior to September 1954 the output amounted to 85 to 90 percent of the quota and after September 1954 to 102 to 103 percent.

Contact II: [redacted] om outer la[redacted], [redacted] ed [redacted] me Contact [redacted] t primarily [redacted] te [redacted] ing some traces of radioac[redacted]
Daily production quota: 200 tons in three shifts. The plan was fulfilled.

Contact I : rocks which were blasted next to the ore vein.
Daily production quota: 200 tons in three shifts. The plan was filled about 100 percent.

Active Material: waste rocks with traces of radioactivity, effected by water or other influences. This material was shipped directly to the dumps. No production quota was fixed.

6. Premiums were paid only for [redacted] II materi[redacted] bunte[redacted] 20 to 200 Eastmarks per crat[redacted] maximum [redacted] for [redacted] de. The ore was classified in ac[redacted] to the g[redacted] ted by the testing instrument. No information was available on the more detailed classification of Contact III material in respect to solid ore and less radioactive material. The foremen who, for co[redacted] ated the crated material by its weight frequently doubted [redacted] of the classifications, which deviated widely.

The testing instrument was graduated from 1 to 120 with

1 to 40 indicating Contact I material
40 to 80 indicating Contact II material
80 to 100 indicating Contact III material.

If the radioactivity exceeded the sensitivity of the instrume[redacted] was switched over to anothe[redacted] It was not remembered whet[redacted] second stage indicated at a[redacted] f 1 to 10 or of 1 to 100.

Processing systems

7. If solid Contact III ore was found in a shaft, Soviet control personnel descended into the mine to supervise the working. The solid ore was packed in crates, sealed and, without further testing, taken up above-ground to the store where it was checked by Soviet personnel at a special test stand. The material was shipped to Annaberg by Soviet trucks with Soviet drivers. The lower grades of Contact III ore were ch[redacted] radiometric expert, crated in the mine, and taken to the abo[redacted] depot where Soviet personnel loaded it on Soviet trucks. Ge[redacted] with Soviet guards drove these trucks to the Auerbach ore depot located at Unterer Bahnhof. Here the ore crates were stored until about the 25th and 30th of each month when the crates were trucked to Annaberg. No information was obtained on the exact destination and the quantities of ore shipped there.

8. Contact II ore was hoisted in mine cars and taken over a test stand which was coupled with an electric switch to automatica[redacted] mine cars with contact II material to Bunker II where a convey[redacted] into the bunker. From this bunker the material was shipped by tr[redacted] an drivers without Soviet guards to Object 31. Object 31 had a work force of about 1,200.

9. Contact I material was processed like Contact II material, it was also taken over a test stand with automatic switch which directed Contact I material to Bunker I. From there Soviet trucks with German drivers without Soviet guards shipped it to Object 32.

10. The so-called active material of the entire combine was taken underground to a bunker on the seventh mine level of the Central Shaft from where it was [redacted] skip which was filled automatically and emptied itself into an abo[redacted] nker. This bunker opened onto a vibrator (shaking chute) whi[redacted] ial on a conveyer, 50[redacted] up to a sorting machine on the fourt[redacted] The sorting machine consisted of and[redacted] sections for Contact II, Contact I, a[redacted] material respectively. The material [redacted] e flaps. [redacted] esting [redacted] installed over each fla[redacted] eans of a [redacted] ontrol, [redacted] e flap of the pertin[redacted] open while automatical[redacted] e flaps for the others shut. Each type of ore was dropped into a separate bunker under the sorting machine. These bunkers were equipped with loading

facilities for trucks. The second floor of this building housed a material depot. Tipping cars took the remaining active material and waste rocks to the dump. During the summer the dump was scraped (leveled). The material again passed the same sorting process separating Contact I, the so called sorting material (active material), and waste rocks. Very little Contact II material was obtained in these processes. The sorting machine was operated only by Soviets, while the bunkers were operated by Germans.

11. The she[redacted]xes for the high-grade ore were 30 x 30 x 60 cm. and were provide[redacted]ouch on the lid for the testing data which included the grade indicated by the testing instruments, as for example 100, the working place, and the ore vein.

12. Auerb[redacted]otor pool of Object 6, had about 1,500 to 1,800 Sovie[redacted] and ordinary trucks. Access to Auerbach Garage was from [redacted] A new fuel station for the entire Wismut Object 6 was located between Falkenst[redacted]enhitz on the Falkenstein - Muldenberg railroad line. Th[redacted] been in operation since November 1954.

13. New mining projects included a central shaft and four test drillings between Rodewisch, Auerbach, and Rebesgruen. The construction work was started in October/November 1954 and, by about Christmas, all drillings had reached a depth of about 25 meters. No designation had been assigned yet to the new shaft installations. They belonged to Object 6 and were controlled by the former Vogelsgruen Shaft Combine at the Central Depot of Object 6 in Bergengruen. National prize winner Max Schaedel was chief of the Central Depot. Walter Spitzner, residing at Rodewisch was German assistant in charge of the new shaft.

14. A new construction project on which large dams and p[redacted]d been clearly identified had recently been started opposit[redacted]ect 31, the ore-dressing plant. No further information was a[redacted]

[redacted] Comment. For a location sketch of the Auerbach area, see Annex 1, for a location sketch of the Falkenstein area, see Annex 2; and for a layout sketch of Combine 241, see Annex 3. [redacted]

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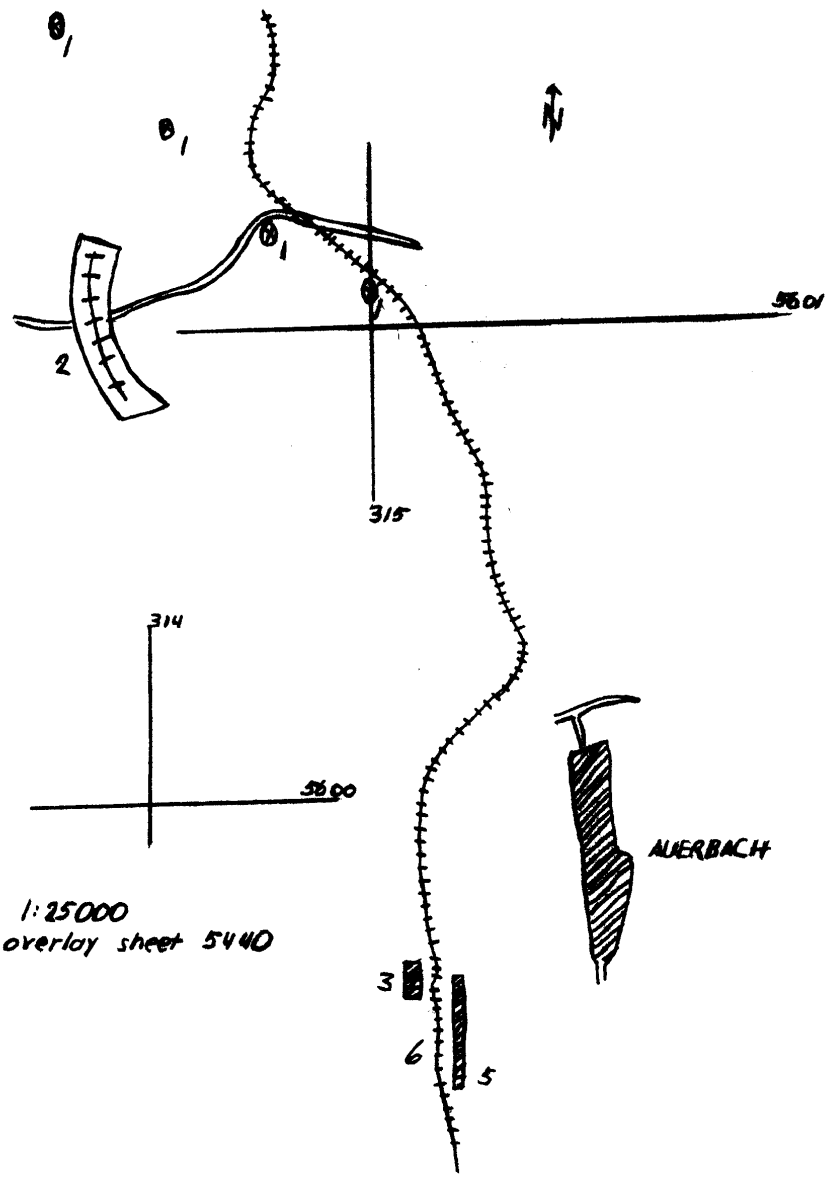
Location Sketch of Auerbach Area



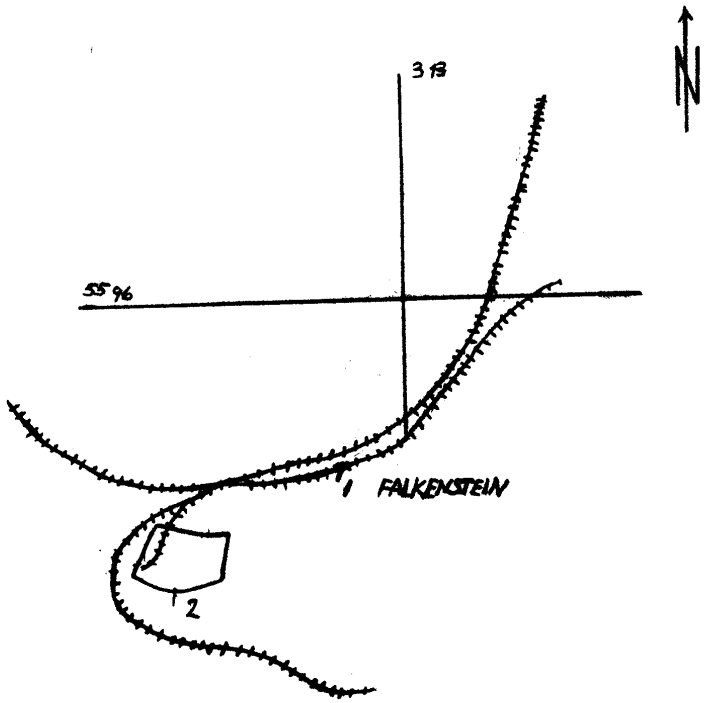
Location Sketch of the Auerbach Area

Legend.

1 New shaft combine without designation
2 Central material depot of Object 6
3 Ore depot with bunker
4 Central garage
5 Administration of Object 6
6 Auerbach railroad station

Location Sketch of the Falkenstein Area

Legend see next page



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Location Sketch of the Falkenstein Area

Legend

1 Falkenstein railroad station

2 New fuel station of Object 6

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Layout Sketch of Combine 241

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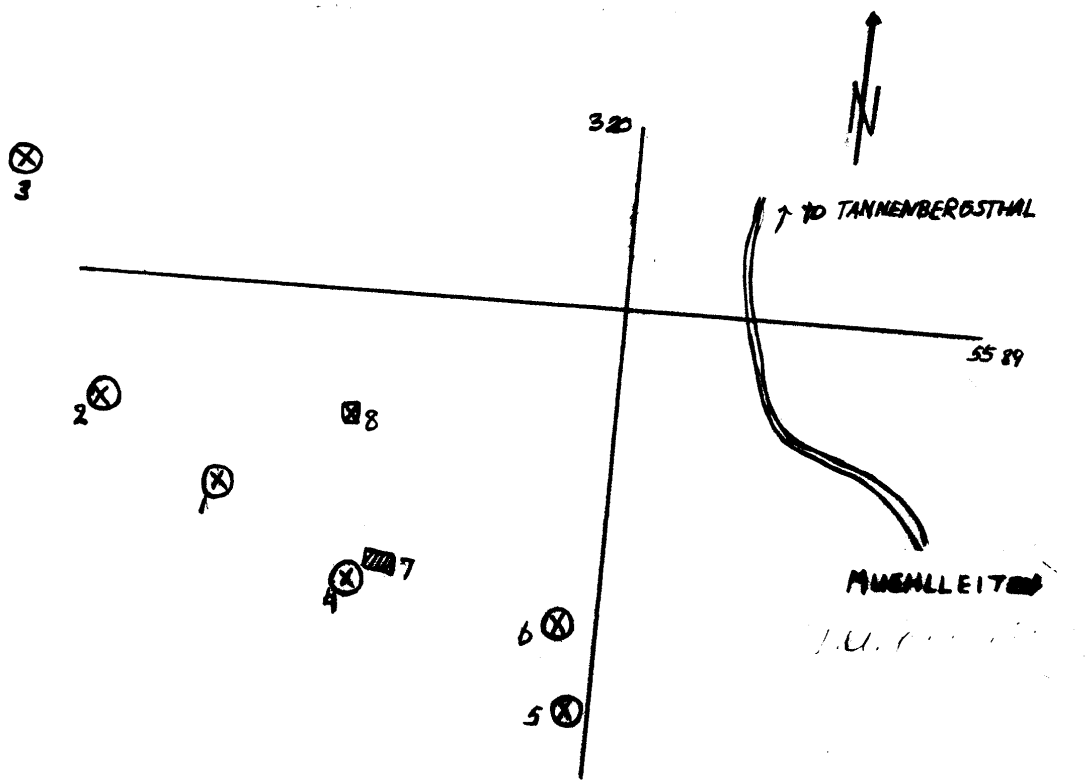

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Layout Sketch of Combine 241

Legend.

1 Central Shaft

2 Jugendschacht 252

3 Seeschacht 343

4 Shaft 241

5 Shaft 244

6 Sinking 21

7 Administration of Combine 241

8 Dressing plant Object 32

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Organizational Setup

1. The Soviet chief of Object 6 was in charge of four combines including the Nos. 241, 262, 27[redacted] and a new combine without designation number. He also controlled the Administration Object 6, the Transportation Department, the Auerbach motor pool for trucks, the Ellefeld motor pool for passenger traffic and some other unidentified departments.

2. Combine 241 was setup as follows:

Soviet chief of the shaft with German assistants
Soviet chief engineer with German assistant
Chief mining inspector
Soviet chief mechanic with German assistant
Soviet economics assistant (a woman)
German Chief of personnel
with cashier's office, salary section, personnel index, leaves, and standardization department.

Soviet shaft geophysicist with 10 German geophysicists for the individual districts

Soviet shaft geologist with 10 German geologists in charge of the individual districts

Switchboard

Workshop for indicators of radioactivity with Soviet personnel only.

3. The chief mining inspector of [redacted]f:

one mining inspector for Revier (district) 1 and 2
one mining inspector each for Revier 3 to 7 inclusively.

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A staff of 24 BPO (party organization), BGL (labor union), and FDJ functionaries were attached to the 7 districts and each district had one party-BGL and FDJ secretary. A first lieutenant of the MVD was security officer. One office was reserved for SSD representatives from Rodewisch who were usually present at Combine 241. The labor force of 3,600 included 120 technicians, who worked three shifts.

4. Combine 241 included the following shafts:

Shaft 241, electric hoisting facilities, 7 mine levels, and blind shaft 241, sinking of shafts on three mine levels. No larger ore deposits expected.

Shaft 244, electric hoisting facilities, 6 mine levels, no sinking of shafts, one small seam with a 40-degree incline, and deposits of lens size ore.

Central Shaft. electric hoisting facilities, 7 mine levels, no sinking of shafts, average ore deposits.

Shaft 252 (Jugendschacht), electric hoisting facilities, 7 mine levels, 1 blind shaft with three mine levels. The "Yushnaya" ore vein extending from Seeschacht to Central Shaft passed the seventh mine level. Its largest part was 40 cm in diameter. Shaft 252 had very good deposits. Shafts were sunk at the blind shaft to have access to the "Yushnaya" vein.

Shaft 343 electric hoisting facilities, 3 mine levels, no sinking of shaft, because of the solid ore mined at this shaft. The production quota of the entire project could be filled. The "Yushnaya" ore vein passed the third mine level.

Shaft 344, hoisting facilities were already dismantled; the very small ore deposits left were taken through a drifting to Shaft 252.

Sinking 21, no mining activity; was used as so-called "material shaft".

Output of Combine 241

5. Contact III: highest grade ore, pitchblende, packed in boxes.

Daily production quota: 300 crates of ore in three shifts. Prior to September 1954 the output amounted to 85 to 90 percent of the quota and after September 1954 to 102 to 103 percent.

Contact II: ore from outer layers of ore veins, contained some Contact III ore, but primarily consisted of material showing some traces of radioactivity.
Daily production quota: 200 tons in three shifts. The plan was fulfilled.

Contact I : rocks which were blasted next to the ore vein.
Daily production quota: 200 tons in three shifts. The plan was filled about 100 percent.

Active Material: waste rocks with traces of radioactivity, effected by water or other influences. This material was shipped directly to the dumps. No production quota was fixed.

6. Premiums were paid only for Contact III material. They amounted to from 20 to 200 Eastmarks per crate; the maximum was paid for pure pitchblende. The ore was classified in accordance to the grades indicated by the testing instrument. No information was available on the more detailed classification of Contact III material in respect to solid ore and less radioactive material. The foremen who, for comparison, evaluated the crated material by its weight frequently doubted the accuracy of the classifications, which deviated widely.

The testing instrument was graduated from 1 to 120 with

1 to 40 indicating Contact I material
40 to 80 indicating Contact II material
80 to 100 indicating Contact III material.

If the radioactivity exceeded the sensitivity of the instrument, the instrument was switched over to another stage. It was not remembered whether this second stage indicated at a ratio of 1 to 10 or of 1 to 100.

Processing systems

7. If solid Contact III ore was found in a shaft, Soviet control personnel descended into the mine to supervise the working. The solid ore was packed in crates, sealed and, without further testing, taken up above-ground to the store where it was checked by Soviet personnel at a special test stand. The material was shipped to Annaberg by Soviet trucks with Soviet drivers. The lower grades of Contact III ore were checked by the radiometric expert, crated in the mine, and taken to the abovegrcund ore depot where Soviet personnel loaded it on Soviet trucks. German drivers with Soviet guards drove these trucks to the Auerbach ore depot located at Unterer Bahnhof. Here the ore crates were stored until about the 25th and 30th of each month when the crates were trucked to Annaberg. No information was obtained on the exact destination and the quantities of ore shipped there.

8. Contact II ore was hoisted in mine cars and taken over a test stand which was coupled with an electric switch to automatically direct mine cars with contact II material to Bunker II where a conveyer dumped it into the bunker. From this bunker the material was shipped by truck with German drivers without Soviet guards to Object 31. Object 31 had a work force of about 1,200.

9. Contact I material was processed like Contact II material, it was also taken over a test stand with automatic switch which directed Contact I material to Bunker I. From there Soviet trucks with German drivers without Soviet guards shipped it to Object 32.

10. The so-called active material of the entire combine was taken underground to a bunker on the seventh mine level of the Central Shaft from where it was hoisted by skip which was filled automatically and emptied itself into an above ground bunker. This bunker opened onto a vibrator (shaking chute) which dropped the material on a conveyer, 50 meters long, leading 10 to 12 meters up to a sorting machine on the fourth floor of a building 150 meters long. The sorting machine consisted of another conveyer belt with three sections for Contact II, Contact I, and active material respectively. The material passed over three flaps. A testing instrument installed over each flap caused, by means of a relay control, the flap of the pertinent material to open while automatically keeping the flaps for the others shut. Each type of ore was dropped into a separate bunker under the sorting machine. These bunkers were equipped with loading

facilities for trucks. The second floor of this building housed a material depot. Tipping cars took the remaining active material and waste rocks to the dump. During the summer the dump was scraped (leveled). The material again passed the same sorting process separating Contact I, the so called sorting material (active material), and waste rocks. Very little Contact II material was obtained in these processes. The sorting machine was operated only by Soviets, while the bunkers were operated by Germans.

11. The sheet metalboxes for the high-grade ore were 30 x 30 x 60 cm. and were provided with a pouch on the lid for the testing data which included the grade indicated by the testing instruments, as for example 100, the working place, and the ore vein.

12. Auerbach Garage, the motor pool of Object 6, had about 1,500 to 1,800 Soviet dump trucks and ordinary trucks. Access to Auerbach Garage was from Bahnhofstrasse. A new fuel station for the entire Wismut Object 6 was located between Falkenstein and Siebenhitz on the Falkenstein - Muldenberg railroad line. The station has been in operation since November 1954.

13. New mining projects included a central shaft and four test drillings between Rodewisch, Auerbach, and Rebesgruen. The construction work was started in October/November 1954 and, by about Christmas, all drillings had reached a depth of about 25 meters. No designation had been assigned yet to the new shaft installations. They belonged to Object 6 and were controlled by the former Vogelsgruen Shaft Combine at the Central Depot of Object 6 in Bergengruen. National prize winner Max Schaedel was chief of the Central Depot. Walter Spitzner, residing at Rodewisch was German assistant in charge of the new shaft.

14. A new construction project on which large dams and pipe lines had been clearly identified had recently been started opposite Object 31, the ore dressing plant. No further information was available.

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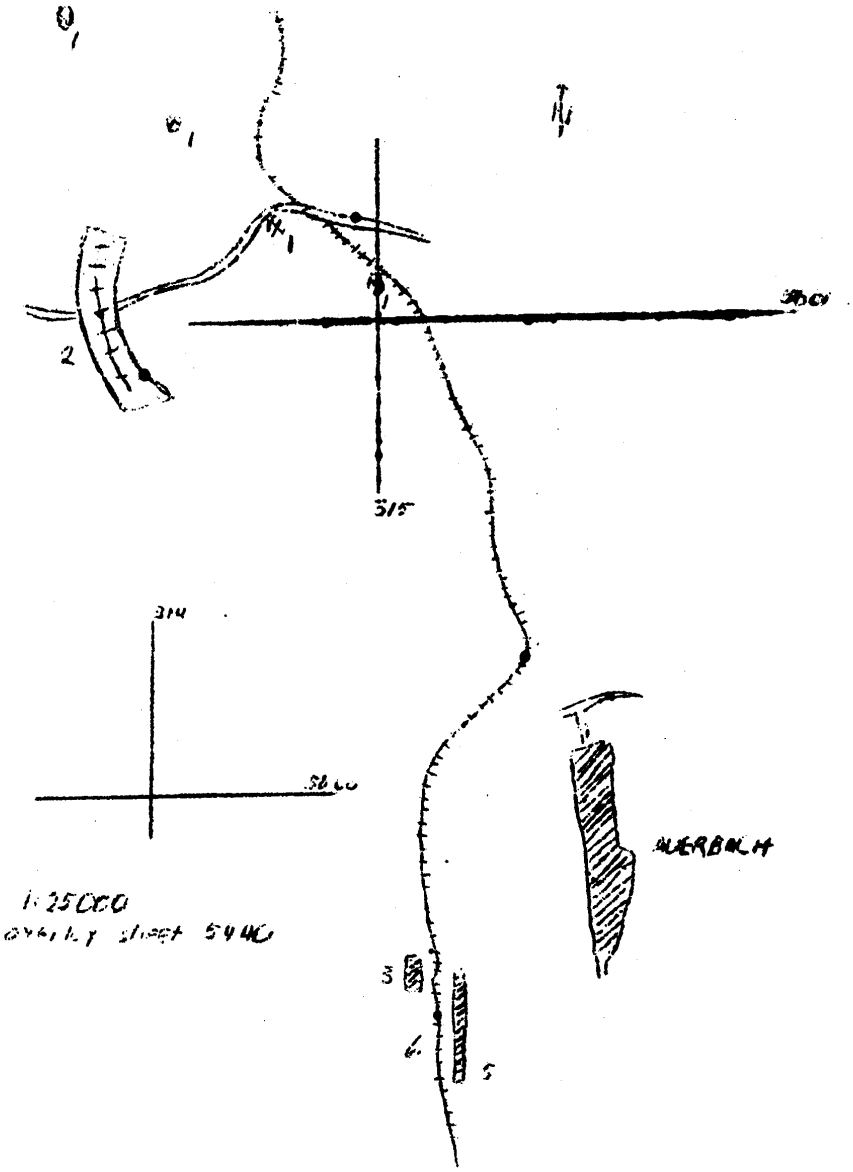
Location Sketch of Auerbach Area



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Location Sketch of the Auerbach Area

Legend.

1 New shaft combine without designation
2 Central material depot of Object 6
3 Ore depot with bunker
4 Central garage
5 Administration of Object 6
6 Auerbach railroad station

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Location Sketch of the Fuhlenstein Area

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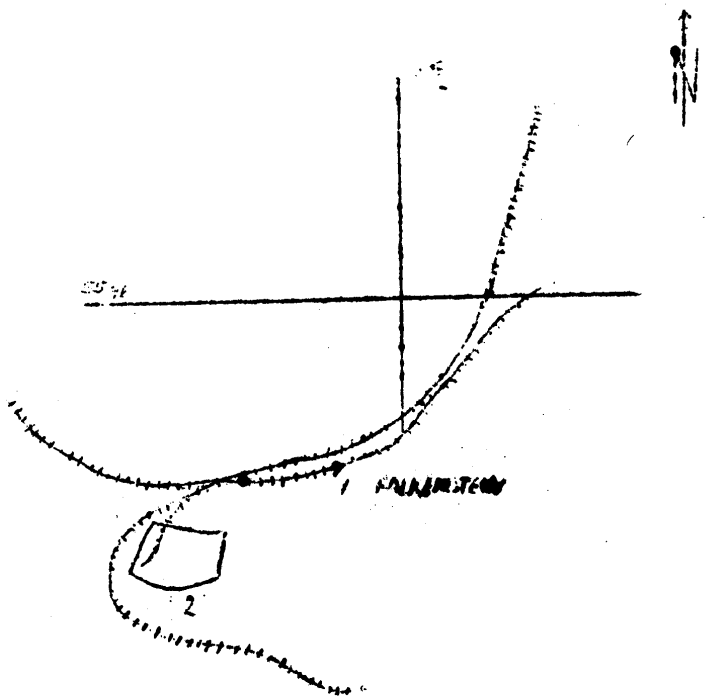

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Location Sketch of the Falkenstein Area

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1 Falkenstein railroad station

2 New fuel station of Object 6

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Layout Sketch of Combine 241

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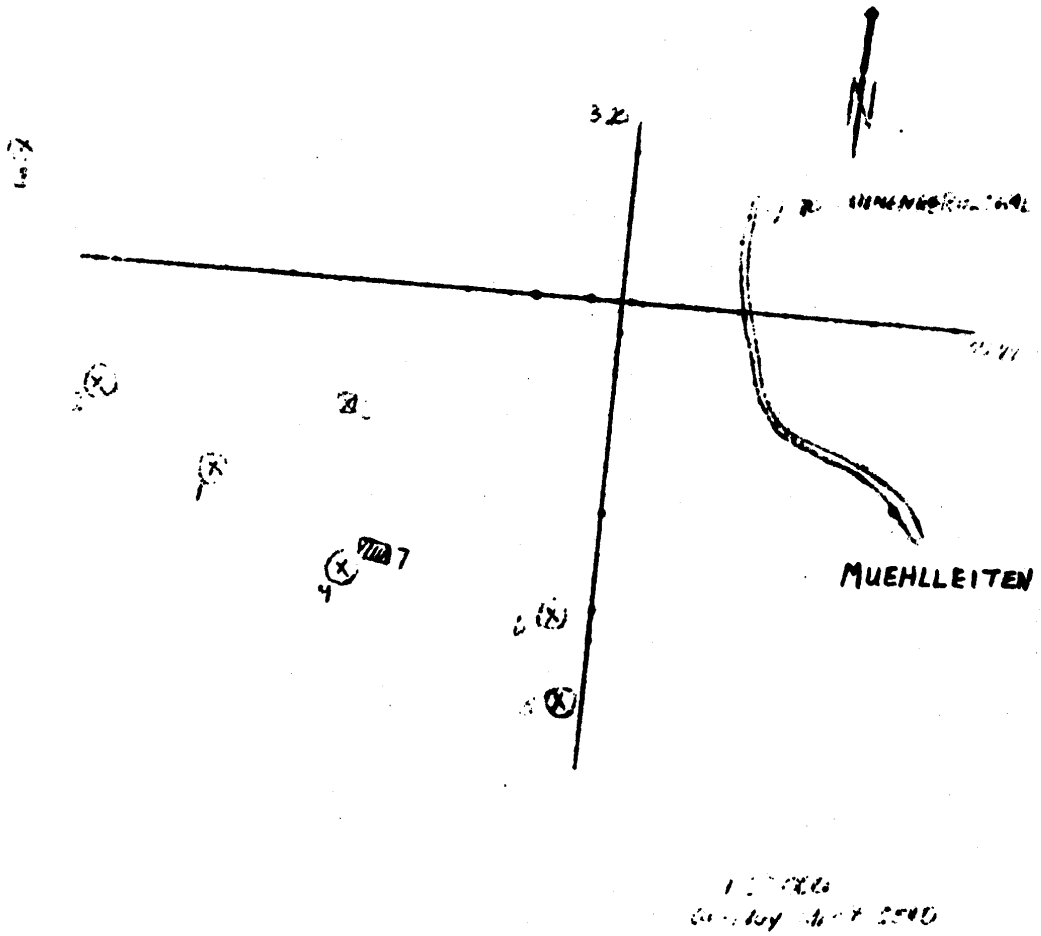

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Layout Sketch of Combine 241

Legend.

1 Central Shaft

2 Jugendschacht 252

3 Seeschacht 343

4 Shaft 241

5 Shaft 244

6 Sinking 21

7 Administration of Combine 241

8 Dressing plant Object 32

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